

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079927.D
 Acq On : 27 Sep 2024 17:23
 Operator : RP/MD
 Sample : P4183-12
 Misc : 5.48G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:40:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

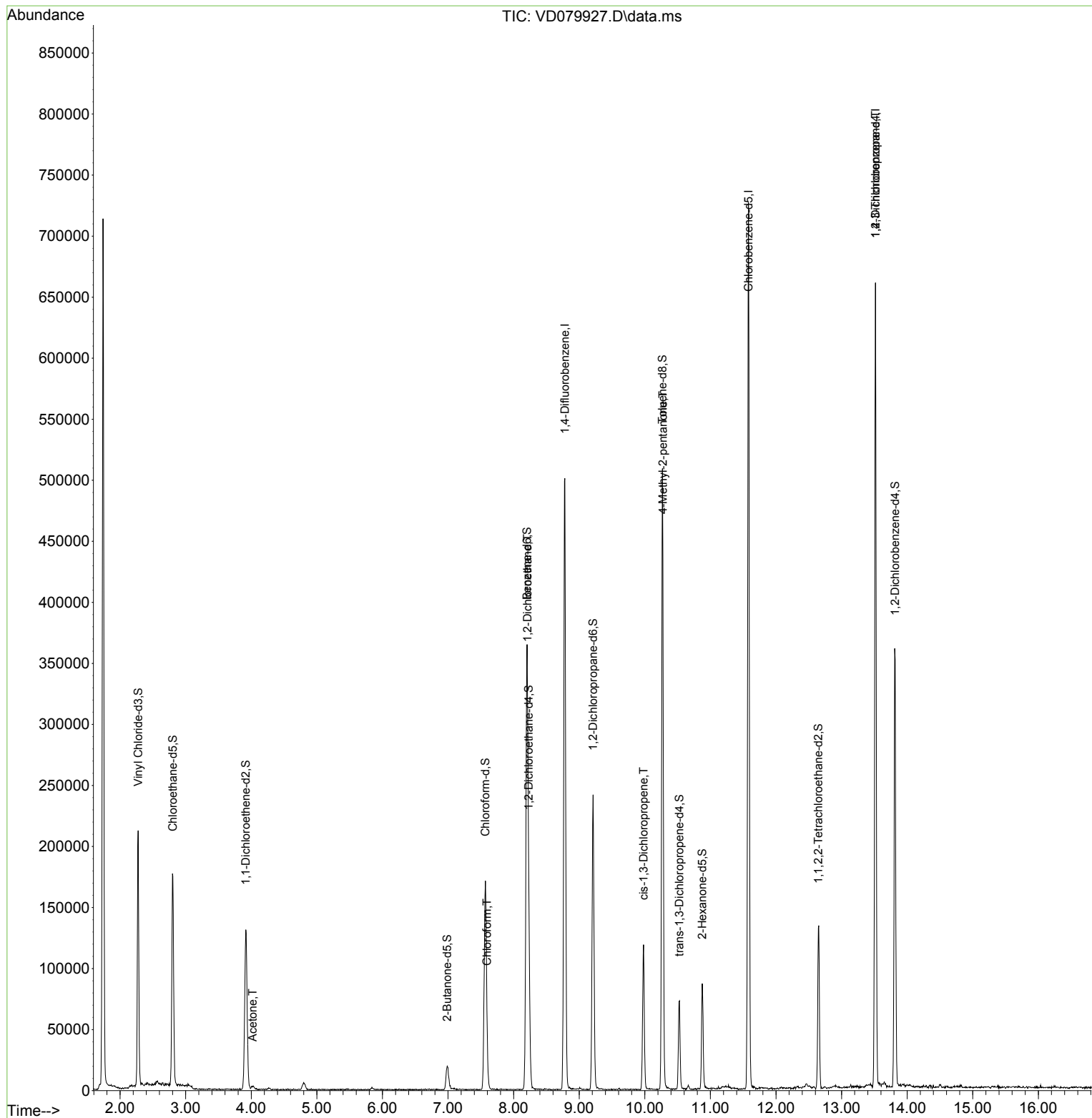
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	414434	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	386149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	158378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	196895	10.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.720%
7) Chloroethane-d5	2.805	69	183472	12.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.440%
11) 1,1-Dichloroethene-d2	3.917	65	37100	11.339	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.360%
21) 2-Butanone-d5	6.987	46	34186	20.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.840%
24) Chloroform-d	7.569	84	177134	13.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	52.000%
26) 1,2-Dichloroethane-d4	8.228	65	88724	12.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	49.800%#
32) Benzene-d6	8.205	84	374060	13.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	54.880%
36) 1,2-Dichloropropane-d6	9.210	67	117790	14.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	56.440%#
41) Toluene-d8	10.269	98	340526	14.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.760%
43) trans-1,3-Dichloroprop...	10.528	79	41809	11.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.600%
47) 2-Hexanone-d5	10.875	63	29206	21.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.920%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	69222	11.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	45.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	90006	15.069	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.280%#
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3360	1.646	ug/L	66
25) Chloroform	7.593	83	10101	0.728	ug/L	93
27) 1,2-Dichloroethane	8.210	62	1898	0.224	ug/L #	74
39) cis-1,3-Dichloropropene	9.981	75	3580	0.325	ug/L	92
40) 4-Methyl-2-pentanone	10.275	43	1907	0.465	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	23230	5.967	ug/L #	68

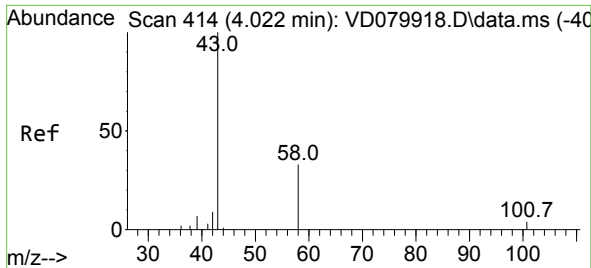
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079927.D
Acq On : 27 Sep 2024 17:23
Operator : RP/MD
Sample : P4183-12
Misc : 5.48G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 27 23:40:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 27 23:37:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.646 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD079927.D

Acq: 27 Sep 2024 17:23

Instrument :

MSVOA_D

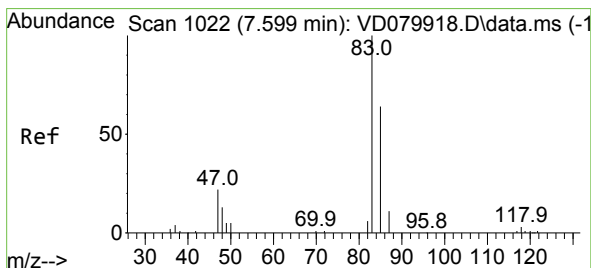
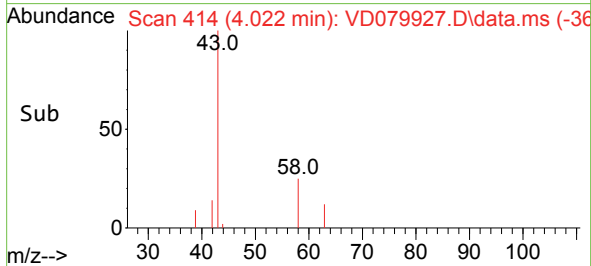
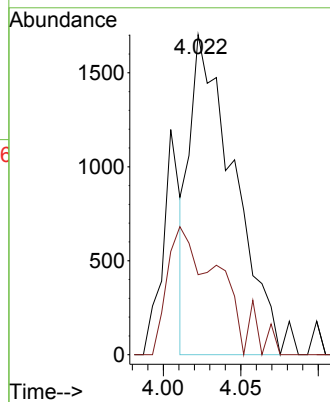
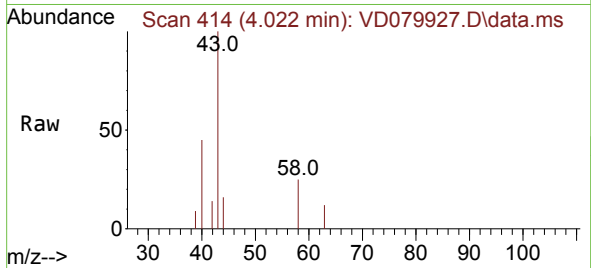
ClientSampleId :

Tgt Ion: 43 Resp: 3360

Ion Ratio Lower Upper

43 100

58 17.6 0.0 75.8



#25

Chloroform

Concen: 0.728 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD079927.D

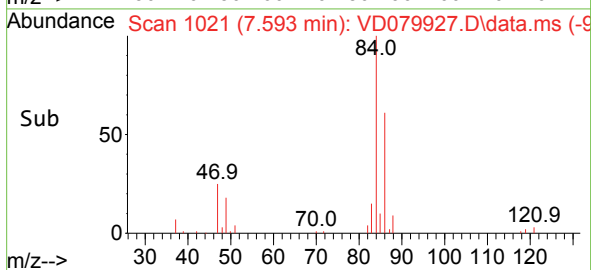
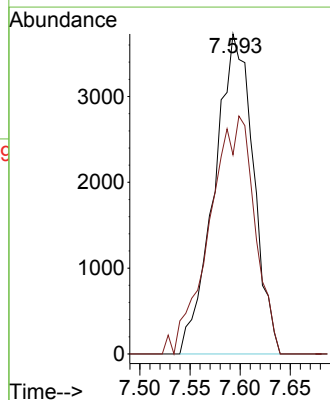
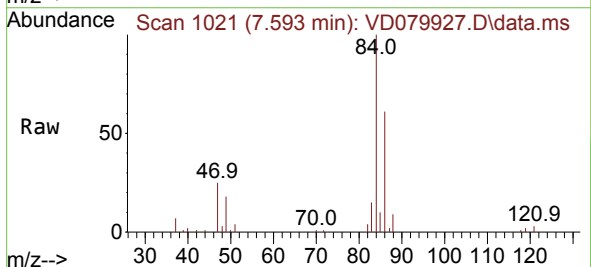
Acq: 27 Sep 2024 17:23

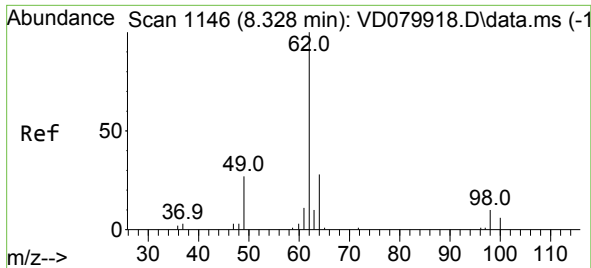
Tgt Ion: 83 Resp: 10101

Ion Ratio Lower Upper

83 100

85 62.2 47.3 87.9

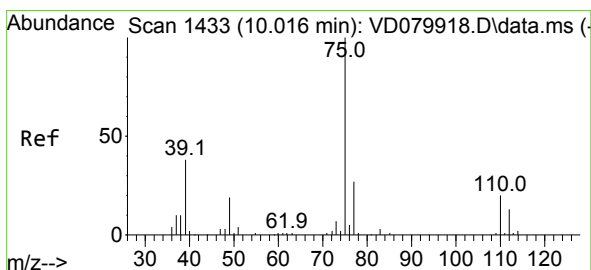
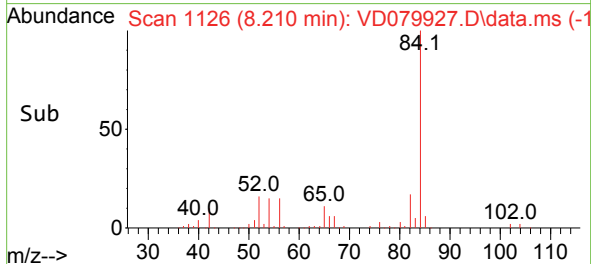
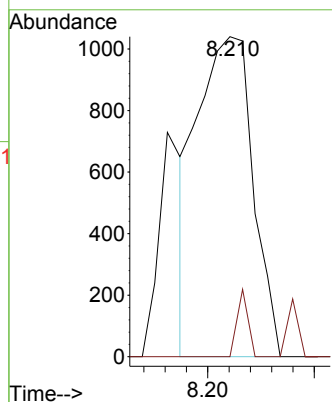
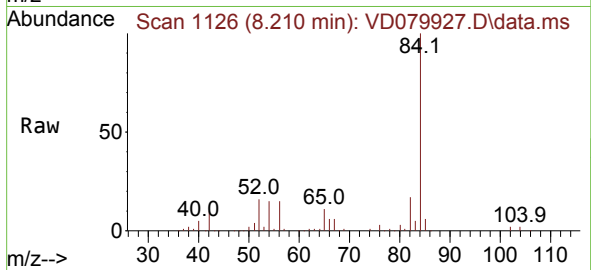




#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 8.210 min Scan# 1146
Delta R.T. -0.117 min
Lab File: VD079927.D
Acq: 27 Sep 2024 17:23

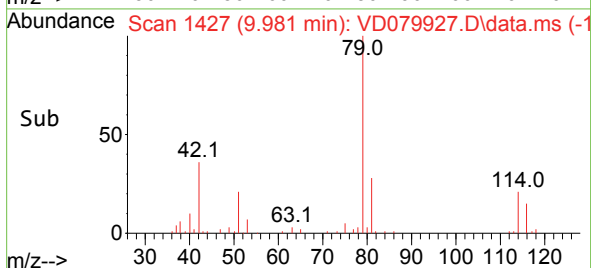
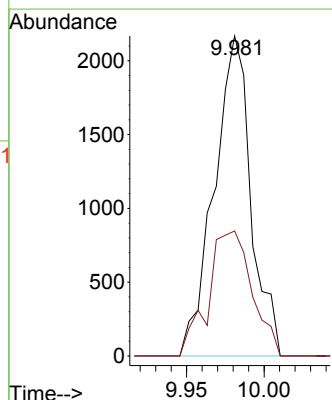
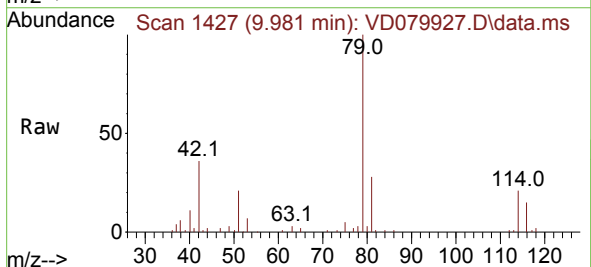
Instrument :
MSVOA_D
ClientSampleId :

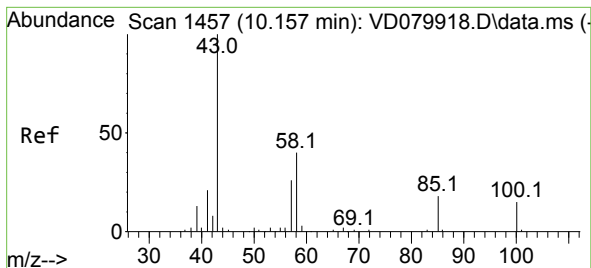
Tgt Ion: 62 Resp: 1898
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#39
cis-1,3-Dichloropropene
Concen: 0.325 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD079927.D
Acq: 27 Sep 2024 17:23

Tgt Ion: 75 Resp: 3580
Ion Ratio Lower Upper
75 100
77 39.1 24.1 44.8





#40

4-Methyl-2-pentanone

Concen: 0.465 ug/L

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

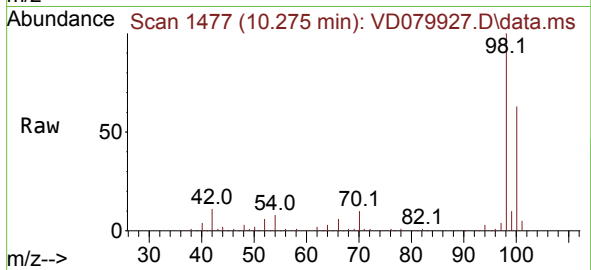
Lab File: VD079927.D

Acq: 27 Sep 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :



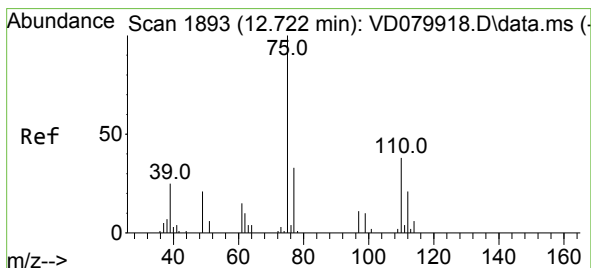
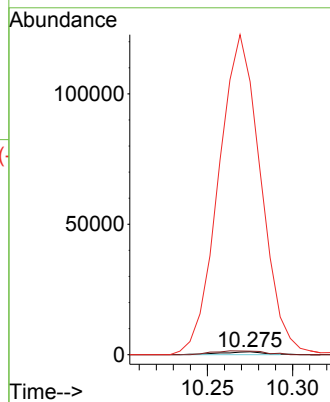
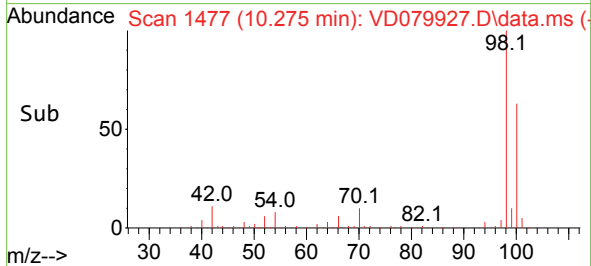
Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

58 163.6 31.1 46.7#

100 11142.1 11.8 17.6#



#61

1,2,3-Trichloropropane

Concen: 5.967 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079927.D

Acq: 27 Sep 2024 17:23

Tgt Ion: 75 Resp: 23230

Ion Ratio Lower Upper

75 100

77 34.0 25.1 37.7

110 4.4 30.1 45.1#

